

FEB 6 1 1999  
GROUP 180C

In re application of ...

Edwin SOUTHERN : Group Art Unit 1634

Serial No. 08/925,676 : Examiner A. Marschell

Filed September 9, 1997

## ANALYSING POLYNUCLEOTIDE SEQUENCES

THE COMMISSIONER IS AUTHORIZED  
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Assistant Commissioner for Patents,

Washington, D.C.

Sir:

Please charge \$220.00 to the deposit Account No. 23-0975 to cover Patent Office fees relating to filing the following attached papers:

Petition for Extension . . . . . \$110.00

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Respectfully submitted,

Edwin SOUTHERN

By: Warren Cheek  
Warren M. Cheek, Jr.  
Registration No. 33,367  
Attorney for Applicant

WMC/dlk

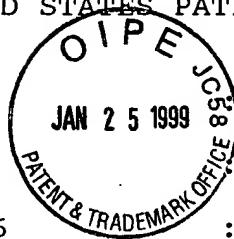
WENDEROTH, LIND & PONACK, L.L.P.  
2033 K St., N.W., Ste. 800  
Washington, D.C. 20006  
Telephone (202) 721-8200  
January 25, 1999

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FEB 6 1999

GROUP 1801

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of

Edwin SOUTHERN

Serial No. 08/925,676

Filed September 9, 1997

Group Art Unit 1634

: Examiner A. Marschel

ANALYSING POLYNUCLEOTIDE SEQUENCES

AMENDMENT

Assistant Commissioner for Patents,

Washington, D.C.

Sir:

Responsive to the Official Action dated October 9, 1998, there is concurrently submitted herewith a petition for extension of time. Please amend the above-identified application as follows:

IN THE CLAIMS

Cancel without prejudice claims 17-35, 37-46, 53, 56-70, 73-85, 87-94, 96-104 and 106-114.

Kindly amend the claims as follows:

11. (Amended) A method for analysing multiple sequences variants in multiple polynucleotides, which comprises:

a) laying down stripes of oligonucleotides corresponding to each sequence variant on the surface of <sup>an impermeable</sup> a solid support,  
*contd.* b) applying the polynucleotides to the surface under hybridisation conditions in stripes orthogonal to those of the oligonucleotides,

c) observing hybridisation at a site of intersection as an indication of the presence of a variant sequence in the